

# Polycom® SoundStation Premier® 500D/550D

Premier Conferencing. Meridian Compatibility.



Product Data Sheet

Voice

#### Feature Highlights:

##### Full-Duplex Conferencing

**Performance**—Polycom's Acoustic Clarity Technology™ lets you talk as naturally as speaking face-to-face.

**Direct Connect**—Connects directly to Nortel Meridian digital PBX telephone systems in minutes—no need for adapters or additional analog lines.

##### Nortel PBX Conferencing

**Feature**—Direct access to your Nortel Meridian PBX's conferencing feature allows you to setup unassisted multi-point (bridged) conference calls quickly and easily.

**Better Conferencing for Nortel Meridian PBX Users**—With SoundStation Premier 500D/550D it's easy to get Polycom's award-winning full-duplex audioconferencing performance in your Nortel® Meridian® PBX environment! SoundStation Premier 500D, and 550D which can be adapted to larger rooms with the addition of optional microphones, give you complete access to your Meridian Server's multi-point conferencing features. You can quickly and easily connect up to six\* locations in a single conference call without using a conference bridging service.

#### Easy connectivity

SoundStation Premier 500D/550D connects directly to a Meridian PBX digital wall jack right out of the box—no need for an analog port, analog adapter, or complicated connections through your phone. Just plug in SoundStation Premier 500D/550D and in seconds you're having more productive meetings with Polycom's crystal-clear Acoustic Clarity Technology.™



#### Make the most of Meridian conferencing—save time and money

If you're using an ordinary speakerphone in your conference room, it may be designed to support only half-duplex technology. Half duplex means that only one person can talk at one time, which is unnatural for normal business communication. With Polycom's full-duplex technology, you will hear the full conversation even though conference participants may be talking at the same time. No more pausing, hesitating, and repeating conversations—it's as natural as being there!

With SoundStation Premier 500D/550D, when you conference up to five end-point participants directly from your conference phone, you'll not only have more productive meetings—you could save big on conference bridging costs too! Let's calculate the savings of one conferencing scenario.

Assume you use SoundStation Premier 500D/550D for one sixty-minute call per day with four endpoint locations participating:

240 service minutes (1 conference call with 4 endpoints for 60 minutes)  
X \$.26/minute for the bridging service† = \$62.40  
X 20 days (1 conference call/day for 1 month) = \$1,248.00

Based on this analysis, the SoundStation Premier 500D/550D pays for itself in less than two months! It's more convenient than ever to use the SoundStation Premier 500D/550D, too. Its new Palm™ interface allows you to auto-dial from your handheld's Contact Manager, then control your call via virtual remote control. For superior audioconferencing with unsurpassed clarity and performance, there's one clear choice: SoundStation Premier 500D/550D from Polycom.



\* Dependent upon Meridian PBX configuration.

† Average cost per minute per Frost & Sullivan US Audio, Document and Web Conferencing Markets 6305-64.

# Polycom SoundStation Premier 550D



SoundStation Premier 550D with expandable microphones can accommodate large rooms with more participants

Connect Polycom's optional wireless lapel microphone for maximum mobility for stand-up presenters

## Technical Specifications

### Keypad

Alphanumeric

### Audio Bandwidth

200 to 3500 Hz

### Loudspeaker Volume

Adjustable to 89 dB peak volume

### Network Interface

Nortel Meridian Digital PBX

### Power Requirements

90–110 VAC, 60 Hz

### NORTEL PBX Supported

NORTEL Meridian,  
Meridian1 (option 11 to 81),  
SL-1, or SL-100

### Room Coverage/Participants

SoundStation Premier 500D

— 15 x 20 ft/4.6 x 6.1 m

— Up to 20 participants

SoundStation Premier 550D

— 20 x 30 ft/6.1 x 10.7 m

— Up to 25 participants

### Console

Power

— 20 VDC, 800 mA

Size

— 13.8 in x 13 in x 2.5 in  
(35 cm x 33 cm x 6.4)

Weight

— 2.0 lbs (0.9 kg)

### Interface Module

Power

— 20 VDC, 150 mA

Size

— 3.125 in x 7.75 in x 1.875 in  
(7.9 cm x 19.7 cm x 4.8 cm)

Weight

— 0.75 lbs (0.34 kg)

Cable Lengths

— Console Cable: 25 ft. (7.6m) to console

— Phone Cable: 6 ft. (1.8m) to wall jack

RCA Jack

— Line level to tape recorder or Remote  
Lapel Microphone

### Environmental Requirements

Temperature

— 5° to 40° C operating

Humidity

— 20% to 85%, non-condensing

Registration

— UL, FCC, Industry Canada

### Recommended Room Conditions

Reverberation time

— < 0.4 seconds

Noise level

— < 48 dBA

Warranty

— 3 Years

Note: Manufactured with ISO 9002 certified assembly line.



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Part No. 3726-07197-001 A Rev. 11/01